

Title (en)

CONNECTOR FOR CONNECTING AN ELECTRONIC DEVICE, ESPECIALLY AN ELECTRONIC TRACKING DEVICE, TO A CONTAINER, ELECTRONIC ASSEMBLY FOR A CONTAINER, AND CONTAINER ASSEMBLY

Title (de)

VERBINDER ZUM VERBINDEN EINER ELEKTRONISCHEN VORRICHTUNG, INSBESONDERE EINER ELEKTRONISCHEN VERFOLGUNGSVORRICHTUNG, MIT EINEM BEHÄLTER, ELEKTRONISCHE ANORDNUNG FÜR EINEN BEHÄLTER UND BEHÄLTERANORDNUNG

Title (fr)

CONNECTEUR POUR CONNECTER UN DISPOSITIF ÉLECTRONIQUE, EN PARTICULIER UN DISPOSITIF DE SUIVI ÉLECTRONIQUE, À UN CONTENEUR, ENSEMBLE ÉLECTRONIQUE POUR UN CONTENEUR ET ENSEMBLE CONTENEUR

Publication

**EP 4282769 A1 20231129 (EN)**

Application

**EP 22175883 A 20220527**

Priority

EP 22175883 A 20220527

Abstract (en)

The disclosure relates to a connector (44) for connecting an electronic device (30), especially an electronic tracking device (32), to a container (12) having a rounded cross-section. The connector (44) comprises a support plate (46) with a substantially planar connection surface (48) for the electronic device (30), at least one engagement wall (64) extending from a first end (56) of the support plate (46) and being configured to engage a rim portion (26) of a collar (22) of the container (12), and at least one mounting hole being located in the support plate (46). The mounting hole is configured to receive a fixation element (85, 87) which protrudes from the support plate (46) in a direction opposite to the connection surface (48) and opposite to the engagement wall (64) such that a distal end of the fixation element (85, 87) may abut against a connection region (90) of the container (12) between an end plate (18) of the container (12) and the collar (22). Furthermore, an electronic assembly (92) comprising such a connector (44) is presented. Additionally, a container assembly (10) is explained. The container assembly (10) comprises a container (12) and a connector (44) being mounted thereon.

IPC 8 full level

**B65D 8/00** (2006.01)

CPC (source: EP)

**B65D 11/06** (2013.01); **G06Q 10/0833** (2013.01)

Citation (search report)

- [XAI] EP 3926542 A2 20211222 - BINARY BEER PTY LTD [AU]
- [XAI] GB 2560024 A 20180829 - PETAINER LARGE CONTAINER IP LTD [GB]
- [XA] GB 2446392 A 20080813 - INBEV SA [BE]
- [XAI] US 10809122 B1 20201020 - DANENBERG MICHAEL NATHAN [US], et al
- [XAI] EP 2281753 A1 20110209 - REHRIG PACIFIC CO [US]
- [A] US 2021110368 A1 20210415 - JONES TIMOTHY LEONARD [US]

Designated contracting state (EPC)

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